

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/003437

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B65D51/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| X | US 5 769 263 A (MCBRIDE STEPHEN W ET AL) 23 June 1998 (1998-06-23) column 3, line 10 - column 3, line 31; claim 1; figures 2-4 | 1-4 |
| Y | | 5,6 |
| X | US 2002/008116 A1 (SORENSEN JOSEPH T ET AL) 24 January 2002 (2002-01-24) page 2, paragraph 40 | 1-3 |
| Y | page 3, paragraph 45; figure 5b | 5,6 |
| X | US 2003/000910 A1 (JANG TAE SOUN ET AL) 2 January 2003 (2003-01-02) page 3, paragraph 40-43; figure 2 | 1-3,5 |
| X | US 2002/166835 A1 (CARTER ROBERT L) 14 November 2002 (2002-11-14) page 2, paragraphs 18,19; figures 1,2 | 1-3,5 |
| | -/- | |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the International search

13 July 2004

Date of mailing of the International search report

02/08/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| P, X | WO 03/037739 A (DIXON BARRY JAMES) 8 May 2003 (2003-05-08) page 5, line 4 – page 5, line 7; claims 1-8; figures 5a,5b ----- | 1-3,5,6 |
| X,P | GB 2 390 361 A (PENNELL TIMOTHY) 7 January 2004 (2004-01-07) abstract; figures 2,4a ----- | 1,2,5,6 |

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International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: 7 because they relate to subject matter not required to be searched by this Authority, namely:
Claim 7 contains a reference to the description and the drawings. According to Rule 6.2(a) PCT, the claims should not contain such references except where absolutely necessary, which is not the case here.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/003437

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
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| US 2002166835 | A1 | 14-11-2002 | | NONE | | |
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| GB 2390361 | A | 07-01-2004 | | NONE | | |